

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/50908

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B01D53/14 B01D53/04 C10L3/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B01D C10L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 275 625 A (SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B. V.) 7 September 1994 (1994-09-07) page 1, line 1 -page 4, line 18 ---	1-13
A	US 3 725 531 A (PEARSON ET AL) 3 April 1973 (1973-04-03) column 1, line 32 -column 1, line 51 ---	1
A	GB 2 103 645 A (SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B. V.) 23 February 1983 (1983-02-23) cited in the application page 1, line 106 -page 2, line 20 ---	1,8
A	US 4 145 192 A (BEISE ET AL) 20 March 1979 (1979-03-20) column 1, line 28 -column 1, line 41 ---	1
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

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Date of the actual completion of the international search 21 April 2004	Date of mailing of the International search report 28/04/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel: (+31-70) 340-2040, Tx. 31 651 epo nl Fax: (+31-70) 340-3016	Authorized officer Faria, C

INTERNATIONAL SEARCH REPORTInternational Application No
PCT/EP 03/50908**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

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A	US 3 826 811 A (HAKKA) 30 July 1974 (1974-07-30) column 4, line 21 -column 4, line 28 -----	1-4
A	US 4 957 715 A (GROVER ET AL) 18 September 1990 (1990-09-18) column 3, line 1 -column 12, line 40 -----	1-4, 11

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Information on patent family members

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